**Problem of the Week #3 Q3**

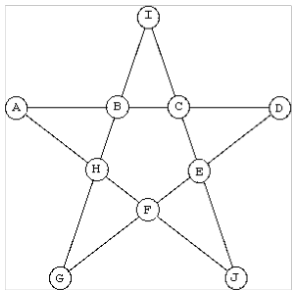
Due 1/20/12 by 3:15 PM

Turn in to the Math Office or email (giving the number value for each letter vertex, i.e. “A=1,…”) to [13mmistele@ransomeverglades.org](mailto:13mmistele@ransomeverglades.org)

***Pentagram Puzzle Challenge***

***(this is a tricky one!)***

Can you number the five corners and five crosspoints of a pentagram with the numbers 1, 2, 3, 4, 5, 6, 8, 9, 10, and 12 in such a way that the sum of the four numbers on each of the five lines is equal (using each number only once)?



Results will be posted on the Math Team board in Ludington and online at repow.wikispaces.com!